

FORM PTO-1449

ATTY. DOC. NO.
30727.0013.CIP1SERIAL NO.
09/518,501LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENTAPPLICANT:
METABASIS THERAPEUTICS, INC.FILING DATE:
March 5, 1999GROUP:
1614

(Use several sheets if necessary)

#7



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
TM	AA	3,018,302	01.23.62	Bielefeld, et al.			
	AB	5,157,027	10/20 92	Biller, et al.			
	AC	5,658,889	8/19/97	Gruber, et al.			

FOREIGN PATENT DOCUMENTS

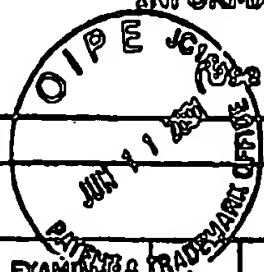
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
TM	AD	0 002 062 A	30.05.79	EP (Abstract)				
	AE	0 072 531 A	23.02.83	EP (Abstract)				
	AF	0 158 057 A	16.10.85	EP (Abstract)				
	AG	0 180 276	28.12.88	EP				
	AH	0 261 283	22.09.86	EP				
	AI	0 161 955 A	21.11.85	EPO				
	AJ	0 338 372 A	25.10.89	EPO				
	AK	0 353 692 A	07.02.90	EPO				
	AL	0 481 214 A	22.04.92	EPO				
	AM	492 738 A	30.06.70	CH				
	AN	16 93 219 A	17.09.70	DE (Abstract)				

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						YES	NO
<i>AK</i>	AO 35 12 781 A1	10.04.85	DE (and English language U.S. Patent No. 4,952,740)				
	AP 96/01267 A	18.01.96	WO				
	AQ 97/03679 A	06.02.97	WO				
	AR 98/09668 A	12.03.98	WO				
	AS 98/39342	11.09.98	WO				
	AT 98/39343	11.09.98	WO				
<i>AK</i>	AU 98/39344	11.09.98	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>AK</i>	AV	"Patent Abstracts of Japan," Vol. 1998, No. 1, 30 January 1998 & JP 09 241284 A (Yamishata Koji; Nippon Soda Co. Ltd), 16 September 1997
	AW	DeLombaert, et al., "N-Phosphonomethyl Dipeptides and Their Phosphonate Prodrugs, a New Generation of Neutral Endoproteptidase (NEP, EC 3.4.24.11) Inhibitors, <u>J. Med. Chem.</u> 37: 498-511 (1994)
	AX	Edmunson, et al., "Cyclic Organophosphorus Compounds. Part 23. Configurational Assignments in the 4-Phenyl-1,3,2λ5-dioxaphosphorinane Series. X-Ray Molecular Structure of <i>cis</i> -2-Benzylamino-4-phenyl-1,3,2-dioxaphosphorinane 2-Oxide," <u>J. Chem. Res. Synop.</u> , 5: 122-123 (1989)
	AY	Farquhar, et al., "5'-4-(Pivaloyloxy)-1, 3, 2-dioxaphosphorinane -2-yl]-2'-deoxy-5-fluorouridine: a membrane-permeating prodrug of 5-fluoro-2'-deoxyuridylic acid (FDUMP)" <u>J. Med. Chem.</u> 38:488-495 (1995)
<i>AK</i>	AZ	Farquhar, et al., "Biologically Reversible Phosphate-Protective Groups," <u>J. Pharm. Sci.</u> 72(3): 324 (1983)

all duplicates

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BA	Farquhar, et al., "Synthesis and Biological Evaluation of 9-[5'-(2-Oxo-1,3,2-oxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine and 9-[5'-(2-Oxo-1,3,2-dioxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine: Potential Neutral Precursors of 9-[β-D-Arabinofuranosyl]adenine 5'-Monophosphate," <u>J. Med. Chem.</u> 28: 1358-1361 (1985)
BB	Farquhar, et al., "Synthesis and Biological Evaluation of Neutral Derivatives of 5-Fluoro-2'-deoxyuridine 5'-Phosphate," <u>J. Med. Chem.</u> 26: 1153-1158 (1983)
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BD	Hillers, et al., "Analogues of pyrimidinemono- and polynucleotides. IV. Phosphates of 1-(1,4-dihydroxy-2-pentyl)thymine and 1-(1,3-dihydroxy-2-propyl) uracil." <u>Khim Geterotski Soedin</u> 5:678-683 (1978). <u>Chem Abst.</u> v 89 no 17; abst no 146864a
BE	Hunston, et al., "Synthesis and Biological Properties of Some Cyclic Phosphotriesters Derived from 2'-Deoxy-5-fluorouridine," <u>J. Med. Chem.</u> 27: 440-444 (1984)
BF	Kryuchkov, et al., <u>Izv. Akad. Nauk SSSR, Ser. Khim.</u> 6: 1201-1248 (1987)
BG	Lok, et al., "Neurotoxicity associated with adenine arabinoside monophosphate in the treatment of chronic hepatitis B virus infection," <u>J. Antimicrob. Chemotherap.</u> 14: 93-99 (1984)
BH	Ludeman, et al., "Synthesis and Antitumor Activity of Cyclophosphamide Analogues. 4. Preparation, Kinetic Studies, and Anticancer Screening of "Phenyl ketophosphamide" and Similar Compounds Related to the Cyclophosphamide Metabolite Aldophosphamide," <u>J. Med. Chem.</u> 29, 716-727 (1986)
BI	Meier, et al., "Cyclic Saligenyl Phosphotriesters of 2', 3'-Dideoxy-2', 3'-didehydrothymidine (d4T) - A New Pro-Nucleotide Approach," <u>Bioorg. Med. Chem. Lett.</u> 7: 99-104 (1977)
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BK	Neidlein, et al., "Mild Preparation of 1-Benzoyloxyiminoalkylphosphonic Dichlorides: Application to the Synthesis of Cyclic Phosphonic Diesters and Cyclic Monoester Amides," <u>Heterocycles</u> 35: 1185-1203 (1993)

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Examiner

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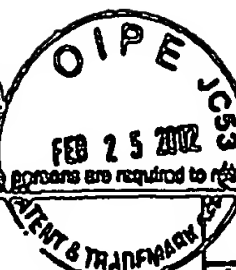
FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOC. NO. 30727.0013.CIP:1	SERIAL NO. 09/518,501
	APPLICANT: METABASIS THERAPEUTICS, INC.	
	FILING DATE: March 5, 1999	GROUP: 1614

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BL	Nifant'ev, et al., "1,3,2, - Diazaphosphorinanes", <u>Zh. Obshch. Khim.</u> , Vol. 49, No. 1, 1979, Pages 64-74 (and English version as translated in corresponding English language publication)	
BM	Nifant'ev, et al., "Synthesis and Structure of Some Stable Phospholane-Phospholanes," <u>Phos. Sulfur & Silicon</u> 113, 1-13 (1996)	
BN	Predvoditelev D., et al., "Glycero-2-hydroxymethylene phosphates" <u>Journal of Organic Chemistry of the USSR</u> (English Translation 13:1489-1492 (1977))	
BO	Predvoditelev, D. et al., "Synthesis of lipids and their models on the basis of glycerol alkylene phosphites. V. Cyclic phosphatidylglycerol and phosphatidylhydroxyhomocholip" <u>Journal of Organic Chemistry of the USSR</u> (English Translation 17:1156-1165 (1981))	
BP	Shaw & Cundy, "Biological Screens of PMEA Prodrugs," <u>Pharm. Res.</u> 10 (Suppl) S24 (1993)	
BQ	Shih, et al., "Preparation and Structures of 2-Dimethylamino-4-phenyl-1,3,2-dioxaphosphorinane-2-oxides," <u>Bull. Inst. Chem. Acad. Sin.</u> 41: 9-16 (1994)	
BR	Starrett, et al., "Synthesis, Oral Bioavailability Determination, and <i>in Vitro</i> Evaluation of Prodrugs of the Antiviral Agent 9-[2-(Phosphonomethoxy)-ethyl]adenine (PMEA)," <u>J. Med. Chem.</u> 37: 1957-1864 (1994)	
BS	Yamanaka, et al., "Metabolic Studies on BMS-200475, a New Antiviral Compound Active against Hepatitis B Virus," <u>Antimicrob. Agents Chemoth.</u> 43, 190-193 (1999)	
BT	Zon, et al., "4 Cyclophosphamide Analogues," <u>Prog. Med. Chem.</u> 19: 205-246 (1982)	

All duplicates

EXAMINER: Examiner <i>Chen CMG</i>	DATE CONSIDERED: <i>7/9/02</i>
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	

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Substitute for form 1449A/PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Application Number 09/518,501
Filing Date March 3, 2000
First Named Inventor Erlon
Group Art Unit 1624
Examiner Name T. McKenzie
Attorney Docket Number 030727.0013.CIP1

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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Relevant Paragraph or Relevant Figure Appx
		Number	Kind Code (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Relevant Paragraph or Relevant Figure Appx	T ²
		Office	Number	Kind Code (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	Coppi, et al., "Lewis Acid Mediated Condensation of Alkenols and Aldehydes. A Selective Synthesis of Tetrahydropyrans and Oxepanes," J. Org. Chem., Vol. 53, No. 4, 911-913 (1988)	
	AB	Lohr et al., "Targeted chemotherapy by intratumor injection of encapsulated cells engineered to produce CYP2B1, and ifosfamide activating cytochrome P450," Gene Therapy, 5, 1070-1078 (1988).	
	AC	Bijsterbosch, et al., "Disposition of the Acyclic Nucleoside Phosphonate (S)-9-(3-Hydroxy-2-Phosphonylmethoxypropyl)Adenine," Antimicrobial Agents and Chemotherapy, Vol. 42, p. 1146-1150 (May 1998).	
	AD	de Waziers, et al., "Cytochrome P 450 Isoenzymes, Epoxide Hydrolase and Glutathione Transferases in Rat and Human Hepatic and Extrahepatic Tissues ¹ ," The Journal of Pharmacology and Experimental Therapeutics, Vol. 253, No.1, p. 387-394 (1989).	

Examiner Signature <i>T. McKenzie</i>	Date Considered 2/12/03
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation to not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1448A/PTO

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Sheet	2	of	2
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Application Number	09/518,501
Filing Date	March 5, 1999
First Named Inventor	Erion
Group Art Unit	1624
Examiner Name	T. McKenzie
Attorney Docket Number	030727.0013.C/P1

NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature

Date Considered

2/13/02

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FORM PTO-1449	ATTY. DOCKET NO. 30727.001-IP1	SERIAL NO. 09/518,501
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT: METABASIS THERAPEUTICS, INC.
(Use several sheets if necessary)		FILING DATE: March 5, 1999
		GROUP: 1901

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	CLASS	FILING DATE
TUM	AA	3,018,302	01/23/62	Bielefeld, et al.	260	461	10/23/00
TUM	AB	5,157,027	10/20/92	Biller, et al.	514	107	—
TUM	AC	5,658,889	8/19/97	Gruber, et al.	514	43	—

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TUM	AD	0 002 062 A1	30.05.79	EP (and English language Abstract)				
TUM	AE	0 072 531 A1	23.02.83	EP (and English language Abstract)				
TUM	AF	0 158 057 A	16.10.85	EP (U.K. English language translation)				
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	AL	0 481 214 B1	22.04.92	EPO				
	AM	492 738	30.06.70	CH (and English language Abstract)				
✓	AN	987,378	17.09.70	UK				


EXAMINER: <i>James M. Mc</i>	DATE CONSIDERED: 7/8/02
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	AS	98/39342	11.09.98	WO			
	AT	98/39343	11.09.98	WO			
<i>V</i>	AU	98/39344	11.09.98	WO			

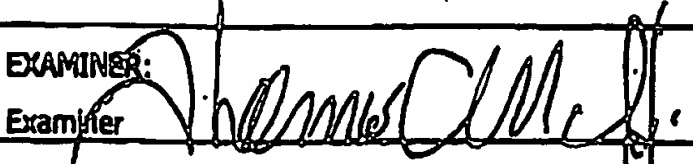
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<i>mu</i>	AV	"Patent Abstracts of Japan," Vol. 1998, No. 1, 30 January 1998 & JP 09241284 A (Yamishata Koji, et al.; Nippon Soda Co. Ltd), 16 September 1997
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<i>V</i>	AZ	Farquhar, et al., "Biologically Reversible Phosphate-Protective Groups," <u>J. Pharm. Sci.</u> 72(3): 324-325 (1983)

EXAMINER: <i>Thomas M. C. Lee</i>	DATE CONSIDERED: <i>7/9/02</i>
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CU	BA	Farquhar, et al., "Synthesis and Biological Evaluation of 9-[5'-(2-Oxo-1,3,2-oxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine and 9-[5'-(2-Oxo-1,3,2-dioxazaphosphorinan-2-yl)-β-D-arabinosyl]adenine: Potential Neutral Precursors of 9-[β-D-Arabinofuranosyl]adenine 5'-Monophosphate," <u>J. Med. Chem.</u> 28: 1358-1361 (1985)
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	FILING DATE: March 5, 1999	GROUP: 1614
	FEB 25 2002	

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BM	Nifant'ev, et al., "Synthesis and Structure of Some Stable Phospholane-Phospholanes," <u>Phos. Sulfur & Silicon</u> 113, 1-13 (1996)	
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BP	Shaw & Cundy, "Biological Screens of PMEA Prodrugs," <u>Pharm. Res.</u> 10 (Suppl) S-294 (1993)	
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BR	Starrett, et al., "Synthesis, Oral Bioavailability Determination, and <i>in Vitro</i> Evaluation of Prodrugs of the Antiviral Agent 9-[2-(Phosphonomethoxy)-ethyl]adenine (PMEA)," <u>J. Med. Chem.</u> 37: 1857-1864 (1994)	
BS	Yamanaka, et al., "Metabolic Studies on BMS-200475, a New Antiviral Compound Active against Hepatitis B Virus," <u>Antimicrob. Agents Chemoth.</u> 43, 190-193 (1999)	
BT	Zon, et al., "4 Cyclophosphamide Analogues," <u>Prog. Med. Chem.</u> 19: 205-246 (1982)	

EXAMINER: Examiner: <i>[Signature]</i>	DATE CONSIDERED: 7/9/02
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant	



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Substitute for form 1449/PTO		Complete if known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/518,501		
		Filing Date	March 3, 2000		
		First Named Inventor	Erion et al.		
		Group Art Unit	1824		
		Examiner Name	McKenzie, T.		
Sheet	1	of	1	Attorney Doctel Number	45185.00013.RCE (CIP1)

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
		6,054,587		Reddy et al.	04/25/00
		6,110,903		Kasibhatla et al.	08/29/00
		6,284,748		Dang et al.	09/04/01
		6,294,672		Reddy et al.	09/25/01
		6,312,662		Erion et al.	11/06/01
		6,399,782		Kasibhatla et al.	06/04/02
		6,489,476		Dang et al.	12/03/02

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Relevant Paragraph or Abstract Figure, Figure
		Office	Number			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the book (book, magazine, journal, conference, symposium, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	P

Examiner Signature	<i>Tom McKen</i>	Date Considered	4/16/04
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¹ Unique citation designation number. ² See attached lines of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST. 10 if possible. ⁶ Applicant to place a check mark here if English language Translation is attached.



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Sheet

1

of

1

Application Number

09/518,501

Filing Date

March 3, 2000

First Named Inventor

Erlon et al.

Group Art Unit

1624

Examiner Name _____

T. McKenzie

Attorney Docket Number:

45188.00013.RCE



U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

NON PATENT LITERATURE DOCUMENTS

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	P
		FARQUHAR et al., "Synthesis and Antitumor Evaluation of Bis[pivaloyloxy)methyl] 2'-Deoxy-5-fluorouridine 5'-Monophosphate (FdUMP): A Strategy to Introduce Nucleotides into Cells," <u>J. Med. Chem.</u> , 37:3902-3909 (1994).	
		LEFEBVRE, et al., Mononucleotide Phosphotriester Derivatives with S-Acyl-2-thioethyl Bioreversible Phosphate-Protecting Groups: Intracellular Delivery of 3'-Azido-2',3'-dideoxythymidine 5'-Monophosphate," <u>J. Med. Chem.</u> , 38:3941-3950 (1995).	

**Examiner
Signature**

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached kinds of U.S. Patent Documents. ³ Enter Office Unit Issued the document, by the two-letter code (WIPO Standard ST-3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-09)

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Complete if known

Application Number 09/518,501
 Filing Date March 3, 2000
 First Named Inventor Erlon et al.
 Group Art Unit 1624
 Examiner Name T. McKenzie
 Attorney Doctel Number 032465.00013.RCE (CIP1)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document Number	Kind Code ¹ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Referenced Passage or Reference Figure Appears

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Kind Code ¹ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Page, Column, Line, Where Referenced Passage or Reference Figure Appears	†

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	†
J		Beaucage and Iyer, "The Synthesis of Modified Oligonucleotides by the Phosphoramidite Approach and Their Applications," <u>Tetrahedron</u> , 49(28):6123-6194 (1993).	
		Borch and Millard, "The Mechanism of Activation of 4-Hydroxycyclophosphamide," <u>J. Med. Chem.</u> , 30:427-431 (1987).	
		Cooper et al., "Use of Carbohydrate Derivatives for Studies of Phosphorus Stereo-chemistry. Part II. Synthesis and Configurational Assignments of 1,3,2-Oxathiaphosphorinan-2-ones and 1,3,2-Dioxaphosphorinan-2-thiones," <u>J. Chem. Soc., Perkin Trans. 1</u> , (10):1049-1052 (1974).	
		De Clercq et al., "A Novel Selective Broad-spectrum Anti-DNA Virus Agent," <u>Nature</u> , 323:464-467 (1986).	
		Farquhar et al., "Synthesis and Antitumor Evaluation of Bis[(pivaloyloxy)methyl] 2'-Deoxy-5-fluorouridine 5'-Monophosphate (FdUMP): A Strategy to Introduce Nucleotides into Cells," <u>J. Med. Chem.</u> , 37:3902-3909 (1994).	

Examiner Signature

Date Considered

*EXAMINER: Initials if reference considered, whether or not citation is in conformance with MPEP 608. Documents through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

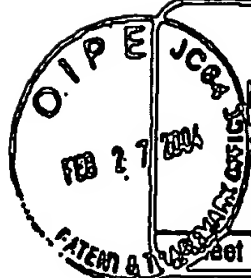
¹ Unique citation designation number. ² See attached kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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2 of 3

Complete if known

Application Number 09/318,501
Filing Date March 3, 2000
First Named Inventor Erlan et al.
Group Art Unit 1824
Examiner Name T. McKenzie
Attorney Docket Number 032485.00013.RCE (CIP1)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
Y		Fris and Bundgaard, "Prodrugs of Phosphates and Phosphonates: Novel Lipophilic α -acyloxyalkyl Ester Derivatives of Phosphate- or Phosphonate Containing Drugs Masking the Negative Charges of these Groups," <i>Euro. J. Pharm. Sci.</i> , 4:49-59 (1996).	
		Harada et al., "Resolution of 1,3-alkanediols Via Chiral Spiroketal Derived from 1-Menthone," <i>Tetrahedron</i> , 28(41):4843-4846 (1987).	
		Khorana et al., "Cyclic Phosphates. III. Some General Observations on the Formation and Properties of Five-, Six- and Seven-membered Cyclic Phosphate Esters," <i>JACS</i> , 79:430-436 (1957).	
		Korba et al., "Liver-targeted Antiviral Nucleosides: Enhanced Antiviral Activity of Phosphatidyl-dideoxyguanosine Versus Dideoxyguanosine in Woodchuck Hepatitis Virus Infection <i>In Vivo</i> ," <i>Hepatology</i> , 23(5):958-963 (1996).	
		Lefebvre et al., "Mononucleoside Phosphotriester Derivatives with S-acyl-2-thioethyl Bioreversible Phosphate-protecting Groups: Intracellular Delivery of 3'-azido-2',3'-dideoxythymidine 5'-monophosphate," <i>J. Med. Chem.</i> , 38:3941-3950 (1995).	
		Ludeman et al., "Synthesis and Antitumor Activity of Cyclophosphamide Analogues. 4. Preparation, Kinetic Studies, and Anticancer Screening of "Phenylketophosphamide" and Similar Compounds Related to the Cyclophosphamide Metabolite Aldophosphamide," <i>J. Med. Chem.</i> , 29:716-727 (1986).	
		McGuigan et al., "Intracellular Delivery of Bioactive AZT Nucleotides by Aryl Phosphate Derivatives of AZT," <i>J. Med. Chem.</i> , 36:1048-1052 (1993).	
		Mosbo and Verkade, "Dipole Moment, Nuclear Magnetic Resonance, and Infrared Studies of Phosphorus Configurations and Equilibria in 2-R-2-Oxo-1,3,2-dioxaphosphorinanes," <i>J. Org. Chem.</i> , 42(9):1549-1555 (1977).	
		Nakayama and Thompson, "A Highly Enantioselective Synthesis of Phosphate Triesters," <i>J. Am. Chem. Soc.</i> , 112:6936-3942 (1990).	
		Ramachandran et al., "Efficient General Synthesis of 1,2- and 1,3-diols in High Enantiomeric Excess via the Intramolecular Asymmetric Reduction of the Corresponding Ketoalkyl Diisopinocampheylborinate Intermediates," <i>Tetrahedron</i> , 38(3):761-764 (1997).	

Examiner Signature

Date Considered

*EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP 602. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete If Known

Application Number	09/518,501
Filing Date	March 3, 2000
First Named Inventor	Erlon et al.
Group Art Unit	1624
Examiner Name	T. McKenzie
Attorney Docket Number	032465.00013.RCE (CIP1)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issu number(s), publisher, city and/or country where published.	T*
J		Starrett, Jr. et al., "Synthesis, Oral Bioavailability Determination, and <i>in Vitro</i> Evaluation of Prodrugs of the Antiviral Agent 9-[2-(Phosphonomethoxy)ethyl]adenine (PMEA)," <i>J. Med. Chem.</i> , 37:1857-1864 (1994).	
		Thomson et al., "Synthesis, Bioactivation and Anti-HIV Activity of the Bis(4-acyloxybenzyl) and Mono(4-acyloxybenzyl) Esters of the 5'-monophosphate of AZT," <i>J. Chem. Soc., Perk. Trans. I</i> , (11):1239-1245 (1993).	
		Weber and Waxman, "Activation of the Anti-cancer Drug Ifosfamide by Rat Liver Microsomal P450 Enzymes," <i>Biochem. Pharm.</i> , 45(8):1685-1694 (1993).	
		Zon et al., "NMR Spectroscopic Studies of Intermediary Metabolites of Cyclophosphamide. A Comprehensive Kinetic Analysis of the Interconversion of <i>cis</i> - and <i>trans</i> -4-Hydroxycyclophosphamide with Aldophosphamide and Concomitant Partitioning of Aldophosphamide Between Irreversible Fragmentation and Reversible Conjugation Pathways," <i>J. Med. Chem.</i> , 27:466-485 (1984).	

Examiner Signature	<i>T. McKenzie</i>	Date Considered	4/16/07
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
2358.0010002/RWE/CJWAPPLICATION NO.
09/518,501

FIRST NAMED INVENTOR

Erlon *et al.*FILING DATE
March 3, 2000ART UNIT
1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
g	AA1	3,404,178	10/01/1968	Roy, C.H.			10/07/1965
	AB1	4,621,077	11/04/1986	Rosini <i>et al.</i>			06/08/1984
	AC1	4,659,825	04/21/1987	Holy <i>et al.</i>			01/06/1984
	AD1	4,705,651	11/10/1987	Staibano			10/11/1985
	AE1	4,724,232	02/09/1988	Rideout <i>et al.</i>			09/17/1985
	AF1	4,724,233	02/09/1988	De Clercq <i>et al.</i>			04/21/1986
	AG1	4,777,163	10/11/1988	Bosles <i>et al.</i>			07/24/1987
	AH1	4,808,716	02/28/1989	Holy <i>et al.</i>			04/25/1986
	AI1	4,861,759	08/29/1989	Mitsuya <i>et al.</i>			08/11/1987
	AJ1	4,879,277	11/07/1989	Mitsuya <i>et al.</i>			08/11/1987
✓	AK1	4,882,142	11/21/1989	Simon <i>et al.</i>			12/19/1988

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

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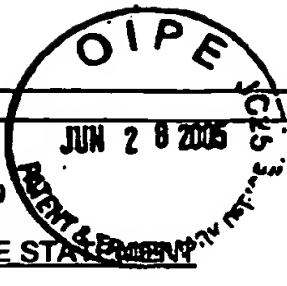
FORM PTO-14 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 2358.0010002/RWE/CJW	APPLICATION NO. 09/518,501
	FIRST NAMED INVENTOR Erlon <i>et al.</i>	
	FILING DATE March 3, 2000	ART UNIT 1624

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Jr	AA2	4,898,724	02/06/1990	Simon <i>et al.</i>			05/14/1987
	AB2	4,939,130	07/03/1990	Jaeggi <i>et al.</i>			02/27/1989
	AC2	5,034,394	07/23/1991	Daluge			12/22/1989
	AD2	5,047,533	09/10/1991	Reist <i>et al.</i>			01/22/1990
	AE2	5,089,500	02/18/1992	Daluge			05/08/1991
	AF2	5,153,183	10/06/1992	Kawabe <i>et al.</i>			05/06/1991
	AG2	5,210,085	05/11/1993	Liotta <i>et al.</i>			02/22/1991
	AH2	5,240,946	08/31/1993	Kinney <i>et al.</i>			04/29/1992
	AI2	5,246,937	09/21/1993	Hamden <i>et al.</i>			01/22/1992
	AJ2	5,366,965	11/22/1994	Streln			01/29/1993
	AK2	5,480,875	01/02/1996	Isomura <i>et al.</i>			371 Date: 12/21/1994

FOREIGN PATENT DOCUMENTS							
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR		
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EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>7/1/01</i>
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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
2358.0010002/RWE/CJWAPPLICATION NO.
09/518,501

FIRST NAMED INVENTOR

Erlon *et al.*FILING DATE
March 3, 2000ART UNIT
1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3	5,532,225	07/02/1996	Reist <i>et al.</i>			07/31/1992
	AB3	5,583,122	12/10/1996	Benedict <i>et al.</i>			12/06/1985
	AC3	5,663,159	09/02/1997	Starrett, Jr. <i>et al.</i>			10/11/1994
	AD3	5,681,590	10/28/1997	Bechard <i>et al.</i>			371 Date: 07/26/1995
	AE3	5,721,219	02/24/1998	Ingall <i>et al.</i>			08/09/1995
	AF3	5,814,639	09/29/1998	Liotta <i>et al.</i>			02/16/1993
	AG3	5,840,716	11/24/1998	Ubasawa <i>et al.</i>			01/17/1997
	AH3	5,869,467	02/09/1999	Holy <i>et al.</i>			03/28/1995
	AI3	5,914,331	06/22/1999	Liotta <i>et al.</i>			06/07/1995
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

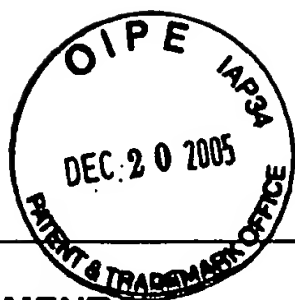
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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DATE CONSIDERED

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**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 12

Application No.	09/518,501
Filing Date	03/03/2000
First Named Inventor	Mark D. Erion
Art Unit	1624
Examiner Name	Thomas C. McKenzie
Attorney Docket No.	2358.0010002 (MTI-013.US)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant	Relevant Pages
<i>TC</i>	A1	3,796,700	03/12/1974	Yoshioka et al.	all
	A2	4,255,566	03/10/1981	Carrico et al.	all
	A3	4,318,982	03/09/1982	Hornby et al.	all
	A4	4,340,668	07/20/1982	Hornby et al.	all
	A5	4,376,165	03/08/1983	Hornby et al.	all
	A6	4,447,529	05/08/1984	Greenquist et al.	all
	A7	4,804,655	02/14/1989	Müller et al.	all
	A8	5,204,355	04/20/1993	Zsardon et al.	all
	A9	5,212,304	05/18/1993	Fung et al.	all
	A10	5,258,538	11/02/1993	Fung et al.	all
	A11	6,117,873	09/12/2000	Acklin et al.	all
<i>✓</i>	A12	6,752,981 B1	06/22/2004	Erion et al.	all
<i>✓</i>	A13	6,756,360 B1	06/29/2004	Erion et al.	all

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Examiner Initials*	Cite No.	Document (Cty code-number-kind)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant	Relevant Pages	T ¹
<i>✓</i>	B1	WO 91/19721 A1	12/26/1991	Glazier, Arnold	all	
<i>✓</i>	B2	WO 97/22614 A1	06/26/1997	Chiroscience Ltd.	all	
<i>✓</i>	B3	WO 01/39724 A2	06/07/2001	Regents of Univ. of Calif.	all	
					all	

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Examiner Signature <i>Tom McKenzie</i>	Date Considered <i>3/11/06</i>
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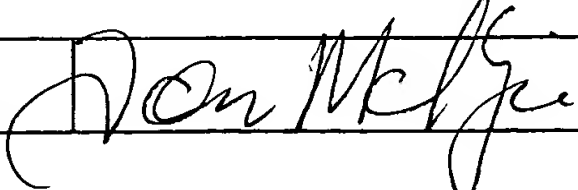
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 2 of 12	Application No.	09/518,501
	Filing Date	03/03/2000
	First Named Inventor	Mark D. Erion
	Art Unit	1624
	Examiner Name	Thomas C. McKenzie
	Attorney Docket No.	2358.0010002 (MTI-013.US)

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Examiner Initials*	Cite No.	Description	T ¹
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 3 of 12	Application No.	09/518,501
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	Attorney Docket No.	2358.0010002 (MTI-013.US)

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Examiner Initials*	Cite No.	Description	T ¹
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 4 of 12	Application No.	09/518,501
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	Attorney Docket No.	2358.0010002 (MTI-013.US)

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Examiner Signature	<i>Tom McKenzie</i>	Date Considered	3/11/06
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 5 of 12	Application No.	09/518,501
	Filing Date	03/03/2000
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	Art Unit	1624
	Examiner Name	Thomas C. McKenzie
	Attorney Docket No.	2358.0010002 (MTI-013.US)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 6 of 12	Application No.	09/518,501
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	Attorney Docket No.	2358.0010002 (MTI-013.US)

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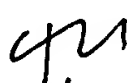

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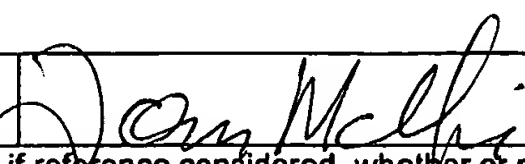
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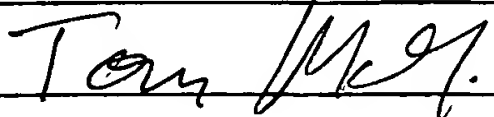
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	C65	LUDEMAN, S.M. et al., "Synthesis and Antitumor Activity of Cyclophosphamide Analogues. 2. Preparation, Hydrolytic Studies, and Anticancer Screening of 5-Bromocyclophosphamide, 3,5-Dehydrocyclophosphamide, and Related Systems," <i>J. Med. Chem.</i> 22(2), 151-158, American Chemical Society (1979).	
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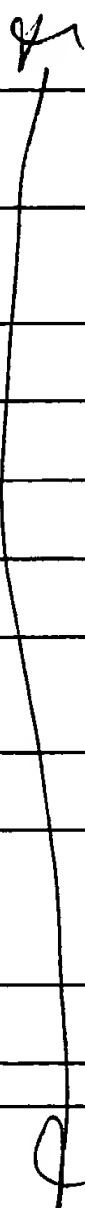
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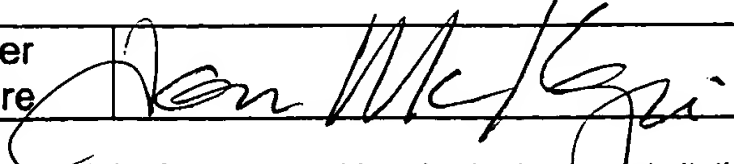
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 9 of 12	Application No.	09/518,501
	Filing Date	03/03/2000
	First Named Inventor	Mark D. Erion
	Art Unit	1624
	Examiner Name	Thomas C. McKenzie
	Attorney Docket No.	2358.0010002 (MTI-013.US)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Description	T ¹
	C76	MITCHELL, J.R. et al., "Acetaminophen-Induced Hepatic Necrosis. IV. Protective Role of Glutathione," <i>J. Pharmacology and Experimental Therapeutics</i> 187(1), 211-217, The Williams & Wilkins Co. (1973).	
	C77	ITSUNOBU, O., "The Use of Diethyl Azodicarboxylate and Triphenylphosphine in Synthesis and Transformation of Natural Products," <i>Synthesis</i> 1-28, Georg Thieme Verlag (1981).	
	C78	MOORE, M.M. et al., "Comparison of Mutagenicity Results for Nine Compounds Evaluated at the <i>hprt</i> Locus in the Standard and Suspension CHO Assays," <i>Mutagenesis</i> 6, 77-85, Oxford University Press (1991).	
	C79	MURRAY, G.I. et al., "Cytochrome P450 CYP3A in Human Renal Cell Cancer," <i>British Journal of Cancer</i> 79, 1836-1842, Cancer Research Campaign (April 1999).	
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	C86	PETTIT, G.R. et al., "Antineoplastic Agents 322. Synthesis of Combretastatin A-4 Prodrugs," <i>Anti-Cancer Drug Design</i> 10, 299-309, Oxford University Press (1995).	
	C87	PITCHER, H.R., "Built-in Bypass," <i>Nature</i> 429, 39, Nature Publishing Group (May 2004).	
	C88	RAMU, K. et al., "Acrolein Mercapturates: Synthesis, Characterization, and Assessment of Their Role in the Bladder Toxicity of Cyclophosphamide," <i>Chem. Res. Toxicol.</i> 8, 515-524, American Chemical Society (1995).	

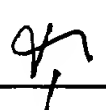
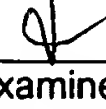
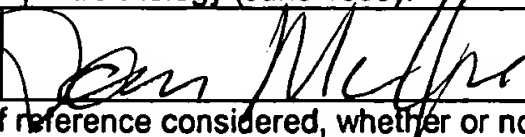
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 10 of 12	Application No.	09/518,501
	Filing Date	03/03/2000
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	Examiner Name	Thomas C. McKenzie
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NON PATENT LITERATURE DOCUMENTS

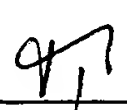

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	C89	REDDY, M.R. et al., "Development of a Quantum Mechanics-Based Free-Energy Perturbation Method: Use in the Calculation of Relative Solvation Free Energies," <i>J. Am. Chem. Soc.</i> 126, 6224-6225, American Chemical Society (May 2004).	
	C90	REDMORE, D., "Phosphorus Derivatives of Nitrogen Heterocycles. 2. Pyridinephosphonic Acid Derivatives," <i>J. Org. Chem.</i> 35(12), 4114-4117, American Chemical Society (1970).	
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	C93	ROY, P. et al., "Development of a Substrate-Activity Based Approach to Identify the Major Human Liver P-450 Catalysts of Cyclophosphamide and Ifosfamide Activation Based on cDNA-Expressed Activities and Liver Microsomal P-450 Profiles," <i>Drug Metabolism and Disposition</i> 27(6), 655-666, The American Society for Pharmacology and Experimental Therapeutics (June 1999).	
	C94	SCHWARTZ, P.S. et al., "Cyclophosphamide Induces Caspase 9-Dependent Apoptosis in 9L Tumor Cells," <i>Molecular Pharmacology</i> 60(6), 1268-1279, The American Society for Pharmacology and Experimental Therapeutics (December 2001).	
	C95	SHIH, Y.-E. et al., "Studies on Potential Antitumor Agents (III). Synthesis of 4-Arylcyclophosphamides," <i>Heterocycles</i> 9 (9): 1277-1285, Sendai Institute of Heterocyclic Chemistry (1978).	
	C96	SHIH, Y.-E. et al., "Synthesis and Structure of 6-Phenylcyclophosphamides," <i>Heterocycles</i> 24(6), 1599-1603, Sendai Institute of Heterocyclic Chemistry (1986).	
	C97	SLADEK, N.E. et al., "Influence of Diuretics on Urinary General Base Catalytic Activity and Cyclophosphamide-Induced Bladder Toxicity," <i>Cancer Treatment Reports</i> 66(11), 1889-1900, U.S. National Cancer Institute (1982).	
	C98	SLADEK, N.E. et al., "Restoration of Sensitivity to Oxazaphosphorines by Inhibitors of Aldehyde Dehydrogenase Activity in Cultured Oxazaphosphorine-resistant L1210 and Cross-Linking Agent-resistant P388 Cell Lines," <i>Cancer Research</i> 45, 1549-1555, American Association for Cancer Research (1985).	
	C99	SPRINGATE, J. et al., "Toxicity of Ifosfamide and Its Metabolite Chloroacetaldehyde in Cultured Renal Tubule Cells," <i>In Vitro Cell Dev. Biol.-Animal</i> 35, 314-317, Society for In Vitro Biology (June 1999).	
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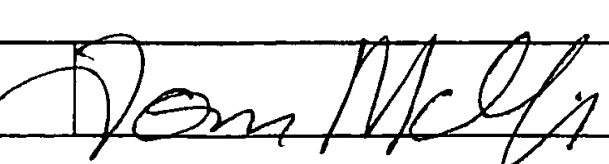
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Examiner Initials*	Cite No.	Description	T ¹
	C100	SUMIDA, A. et al., "Quantitative Analysis of Constitutive and Inducible CYPs mRNA Expression in the HepG2 Cell Line Using Reverse Transcription-Competitive PCR," <i>Biochem. & Biophys. Res. Comm.</i> 267, 756-760, Academic Press (January 2000).	
	C101	TURNER, J.A., "A General Approach to the Synthesis of 1,6-, 1,7-, and 1,8-Naphthyridines," <i>J. Org. Chem.</i> 55(15), 4744-4750, American Chemical Society (1990).	
	C102	VENOOK, A.P., "Treatment of Hepatocellular Carcinoma: Too Many Options?," <i>J. Clin. Oncol.</i> 12(6), 1323-1334, Lippincott Williams & Wilkins (1994).	
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	C108	WATKINS, P.B., "Noninvasive Tests of CYP3A Enzymes," <i>Pharmacogenetics</i> 4, 171-184, Chapman & Hall, London (1994).	
	C109	WEIBEL, M. et al., "Potentiating Effect of {2-[2-[(2-Amino-1,6-Dihydro-6-Oxo-9H-Purin-9-yl)Methyl]-Phenyl] Ethenyl}-Phosphonic Acid (MDL 74,428), A Potent Inhibitor of Purine Nucleoside Phosphorylase, on the Antiretroviral Activities of 2',3'-Dideoxyinosine Combined to Ribavirin in Mice," <i>Biochem. Pharmacol.</i> 48(2), 245-252, Elsevier Science Ltd. (1994).	
	C110	WEINHARDT, K. et al., "Synthesis and Antidepressant Profiles of Phenyl-Substituted 2-Amino- and 2-[(Alkoxy carbonyl)amino]-1,4,5,6-tetrahydropyrimidines," <i>J. Med Chem.</i> 28, 694-698, American Chemical Society (1985).	
	C111	WILEMAN, T. et al., "Receptor-Mediated Endocytosis," <i>Biochem. J.</i> 232: 1-14, Portland Press on behalf of the Biochemical Society, London (1985).	

Examiner Signature		Date Considered	3/11/00
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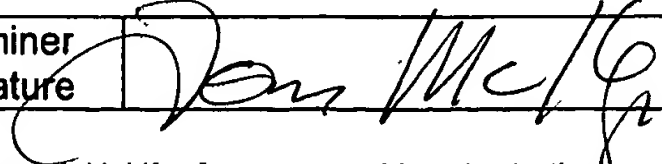
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Examiner Initials*	Cite No.	Description	T ¹
X	C112	YIP, K.F. et al., "Use of High-Performance Liquid Chromatography in the Preparation of Flavin Adenine Dinucleotide Analyte Conjugates," <i>J. of Chromatography</i> 326, 301-310, Elsevier Science Publishers B.V., Amsterdam (1985).	
J	C113	YU, L.J. et al., "In vivo Modulation of Alternative Pathways of P-450-Catalyzed Cyclophosphamide Metabolism: Impact on Pharmacokinetics and Antitumor Activity," <i>J. Pharm. Exp. Ther.</i> 288(3), 928-937, The American Society for Pharmacology and Experimental Therapeutics (March 1999).	
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Attorney Docket No.	2358.0010002 (MTI-013.US)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Description	T ¹
CEM	C115	DECHANT, K.L., et al., "Ifosfamide/Mesna. A Review of its Antineoplastic Activity, Pharmacokinetic Properties and Therapeutic Efficacy in Cancer," <i>Drugs</i> 42(3), 428-467 Adis International Limited (1991)	
CEM	C116	JAIN, M., et al., "Sulfonyl-Containing Aldophosphamide Analogues as Novel Anticancer Prodrugs Targeted against Cyclophosphamide-Resistant Tumor Cell Lines," <i>J. Med. Chem.</i> 47, 3843-3852 American Chemical Society (July 2004)	
CEM	C117	Prosecution history of Dang, Q., et al., U.S. Application No. 09/389,698, filed September 3, 1999, now patented as 6,489,476 B1	
	C118		
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Examiner Signature	<i>Tom McKenzie</i>	Date Considered	1/11/06
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**SUPPLEMENTAL
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Sheet 1 of 2

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Attorney Docket No.	2358.0010002 (MTI-013.US)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant	Relevant Pages
	A14				
	A15				
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	A24				
	A25				
	A26				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document (Cty code-number-kind)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant	Relevant Pages	T ¹
TCM	B4	EP 0 072 987 A1	08-13-1982	Henkel Kommanditgesellschaft auf Aktien		
	B5					
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	B7					
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Examiner Signature	<i>Tom McKenzie</i>	Date Considered	3/11/02
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Art Unit	1624
Examiner Name	Thomas C. McKenzie
Attorney Docket No.	2358.0010002 (MTI-013.US)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Description	T ¹
TC	C118	Delphion English-language abstract of European Patent Publication No. 0 072 987 A1, 2 pages, accessed on October 20, 2005 at https://www.delphion.com/details?pn=EP00072987A1&s=FAMILY=1	
gv	C119	Unverified English-language translation of European Patent Publication No. 0 072 987 A1, 13 pages	
	C120		
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